

**IN THE CLAIMS:**

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strike through~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims in accordance with the following:

1. (CURRENTLY AMENDED) A database search system ~~including a computer for~~ searching a database for data, comprising:

a computer comprising:

a unit ~~for measuring~~which measures an input number of search conditions input during a period from a start to an end of a search processing requested by a user;

a unit ~~for determining~~which determines that a problem occurs during the search processing when the input number measured at the end of the search processing exceeds a ~~predetermined~~ threshold value;

a unit which requests the user to input information on the problem occurring during the search processing as a know-how message when determining that the problem has occurred;

a unit ~~for receiving~~which receives an input of ~~a the~~ know-how message describing know-how information about ~~a the~~ problem occurring during the search processing from ~~a the~~ user, ~~said know-how information being requested from a user when it is determined that the problem occurs;~~ and

a unit ~~for storing~~which stores the input know-how message in a know-how database under a condition that the input know-how message is associated with all the search conditions input during an execution period of the search processing.

2. (CURRENTLY AMENDED) The database search system according to claim 1, wherein during execution of the search processing, the search conditions input by the user are compared with search conditions stored in the know-how database every time the search conditions are received, and in a case where a predetermined number of one or more search conditions are matched with each other, the know-how message associated with the search conditions stored in the know-how database is output to the user.

3. (CURRENTLY AMENDED) The database search system according to claim 1, wherein when the user inputs the ~~message on know-how~~ message, another or a plurality of users to be provided with the know-how message is specified, and the know-how message is output only to the another or plurality of users.

4. (CURRENTLY AMENDED) The database search system according to claim 1, wherein the know-how message is voice data storing uttered contents of the user.

5. (CURRENTLY AMENDED) The database search system according to claim 1, wherein when the user inputs the know-how message on know-how, the search condition which is associated with know-how is selectable by the user from a plurality of the search conditions.

6. (CURRENTLY AMENDED) A database search system ~~including a computer for~~ searching a database for data, comprising:

a unit ~~for measuring~~ which measures a necessary time taken from a start to an end of a search processing requested by a user;

a unit ~~for determining~~ which determines that a problem occurs during the search processing when the necessary time measured at the end of the search processing exceeds a ~~predetermined~~ threshold value;

a unit which requests the user to input information on the problem occurring during the search processing as know-how message, when determining that the problem occurs;

a unit ~~for receiving~~ which receives an input of ~~a the~~ know-how message describing know-how information about a problem occurring during the search processing from ~~a the~~ user, ~~said know-how information being requested from a user when it is determined that the problem occurs;~~ and

a unit storage apparatus for storing which stores the input know-how message in a know-how database under a condition that the know-how input message is associated with all the search conditions input during an execution period of the search processing.

7. (CURRENTLY AMENDED) The database search system according to claim 6, wherein during execution of the search processing, the search conditions input by the user are compared with search conditions stored in the know-how database every time the search conditions are received, and in a case where a predetermined number of one or more search conditions are matched with each other, the know-how message associated with the search

conditions stored in the know-how database is output to the user.

8. (CURRENTLY AMENDED) The database search system according to claim 6, wherein when the user inputs the ~~message on know-how~~ message, another or a plurality of users to be provided with the message is specified, and the message is output only to the another or plurality of users.

9. (CURRENTLY AMENDED) The database search system according to claim 6, wherein the know-how message is voice data storing uttered contents of the user.

10. (CURRENTLY AMENDED) The database search system according to claim 6, wherein when the user inputs the know-how message on know-how, the search condition which is associated with know-how is selectable by the user from a plurality of the search conditions.

11. (CURRENTLY AMENDED) A database search method for searching a database for data, comprising:

measuring an input number of search conditions input during a period from a start to an end of a search processing requested by a user;

determining that a problem occurs during the search processing when the input number measured at the end of the search processing exceeds a ~~predetermined~~ threshold value;

requesting the user to input information on the problem occurring during the search processing as a know-how message, when determining that the problem has occurred;

receiving an input of a the know-how message describing know-how information about the problem occurring during the search processing from a the user, ~~said know-how information being requested from a user when it is determined that the problem occurs~~; and

storing the input know-how message in a know-how database under a condition that the input know-how message is associated with all the search conditions input during an execution period of the search processing.

12. (CURRENTLY AMENDED) A database search method for searching a database for data, comprising:

measuring a necessary time taken from a start to an end of a search processing requested by a user;

determining that a problem occurs during the search processing when the necessary

time measured at the end of the search processing exceeds a ~~predetermined~~ threshold value;  
requesting the user to input information on the problem occurring during the search processing as a know-how message, when determining that the problem has occurred;  
receiving an input of ~~a~~ the know-how message describing know-how information about ~~the~~ the problem occurring during the search processing from ~~a~~ the user, ~~said know-how information being requested from a user when it is determined that the problem occurs;~~ and  
storing the input know-how message in a know-how database under a condition that the input know-how message is associated with all the search conditions input during an execution period of the search processing.

13. (CURRENTLY AMENDED) A program product storing a computer-executable program for embodying a database search method for searching a database for data in a recording medium, the program comprising instructions for allowing a computer to execute the following operations of:

measuring an input number of search conditions input during a period from a start to an end of a search processing requested by a user;

determining that a problem occurs during the search processing when the input number measured at the end of the search processing exceeds a ~~predetermined~~ threshold value;

requesting the user to input information on the problem occurring during the search processing as a know-how message, when determining that the problem has occurred;

receiving an input of ~~a~~ the know-how message describing know-how information about ~~the~~ the problem occurring during the search processing from ~~a~~ the user, ~~said know-how information being requested from a user when it is determined that the problem occurs;~~ and

storing the input know-how message in a know-how database under a condition that the input know-how message is associated with all the search conditions input during an execution period of the search processing.

14. (CURRENTLY AMENDED) A program product storing a computer-executable program for embodying a database search method for searching a database for data in a recording medium, the program comprising instructions for allowing a computer to execute the following operations of:

measuring a necessary time taken from a start to an end of a search processing requested by the user;

determining that a problem occurs during the search processing when the necessary

time measured at the end of the search processing exceeds a ~~predetermined threshold value;~~

requesting the user to input information on the problem occurring during the search processing as a know-how message, when determining that the problem has occurred;

receiving an input of ~~a the know-how~~ message describing know-how information about a ~~the~~ problem occurring during the search processing from ~~a the user, said know-how information being requested from a user when it is determined that the problem occurs;~~ and

storing the input know-how message in a know-how database under a condition that the input know-how message is associated with all the search conditions input during an execution period of the search processing.

15. (CURRENTLY AMENDED) A database search system for searching a database for data, comprising:

a computer comprising:

a unit ~~for measuring~~which measures an input number of search conditions input during a period of a search processing requested by a user;

a unit ~~for determining~~which determines that a problem occurs during the search processing when the input number measured at the end of the search processing exceeds a ~~predetermined threshold value;~~

a unit which requests the user to input information on the problem occurring during the search processing as a know-how message, when determining that the problem has occurred;

a unit ~~for receiving~~which receives ~~a the know-how~~ message describing know-how information about ~~a the~~ problem occurring during the search processing, ~~said know-how information being requested from a user when it is determined that the problem occurs.~~

16. (PREVIOUSLY PRESENTED) The database search system of claim 1, wherein the end of the search processing is determined by detecting that an elapsed time after inputting a search condition is longer than a predetermined time.

17. (PREVIOUSLY PRESENTED) The database search system of claim 6, wherein the end of the search processing is determined by detecting that an elapsed time after inputting a search condition is longer than a predetermined time.